CLAIMS

SUB A2

1. A board for gliding for downhill skiing, of "shell"-type construction, having, at least in its underfoot zone:

- a lower gliding surface composed of a sole plate bordered by metal edges;
- a topsheet substantially parallel to the lower gliding surface, on either side of the center longitudinal plane of the board;
- lateral faces extending between the metal edges and the topsheet, said lateral faces having recesses located below the plane of the topsheet and opening out in the latter;

wherein the base of the recesses forms a slope that is inclined longitudinally relative to the lower gliding surface and the topsheet.

2. The board for gliding as claimed in claim 1, wherein the base of the recesses is inclined toward the front and the bottom of the board.

3. The board for gliding as claimed in claim 1, wherein the base of the recesses is inclined toward the rear and the bottom of the board.

4. The board for gliding as claimed in claim 1, wherein the base of the recesses has a slope that is substantially constant over the greater part of its length.

5. The board for gliding as claimed in claim 1, wherein the base of the recesses has a slope that can vary over its length.

6. The board for gliding as claimed in claim 1, wherein, to the front and to the rear of the recess, the lateral faces comprise lateral zones which include different materials.

7. The board for gliding as claimed in claim 6, wherein one of the materials present in one of the lateral zones is of a viscoelastic nature, so as to confer damping properties on said lateral zone.

8. The board for gliding as claimed in claim 6, wherein one of the materials present in one of the lateral zones is of an elastic nature, so as to confer dynamizing properties on said lateral zone.

9. The board for gliding as claimed in claim 7, wherein the viscoelastic material forms a spindle piece.

10. The board for gliding as claimed in claim 7, wherein the elastic material forms several elements located inside slots made in the lateral zone.

11. The board for gliding as claimed in claim 10, wherein the slots have a V-or Y-shaped profile.

12. The board for gliding as claimed in claim 10, wherein the slots have a rectangular profile.

13. The board for gliding as claimed in claims 7 and 8, wherein the lateral zone having damping properties is located to the front of the recess, the lateral zone having dynamizing properties being located to the rear of the recess.

14. The board for gliding as claimed in either of claims 7 and 8, wherein the lateral zone having damping properties is located to the rear of the recess, the lateral zone having dynamizing properties being located to the front of the recess.

15. The board for gliding as claimed in claim 1, wherein the recesses have a width, measured in the transverse direction of the board, which can vary over the length of the recess.

16. The board for gliding as claimed in claim 1, which is equipped with a raising platform for the binding, including lateral portions of which the lower edge comes into contact with the base of the recess.

17. The board for gliding as claimed in claim 1, which includes, on each lateral face, two recesses of which the base forms a slope that is inclined longitudinally relative to the lower gliding surface.